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Case 0899-0025
(1783)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of) Examiner:

Robert Murray, et al.) Group Art Unit: 1761

CARBOHYDRATE AND ELECTROLYTE)
REPLACEMENT COMPOSITION)

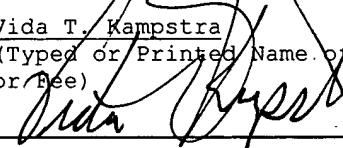
Serial No.: 10/706,420)

Filed: November 12, 2003)

CERTIFICATE OF MAILING
Date of Deposit September 3, 2004

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Mail Stop Amendment, Commissioner for Patents,
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INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
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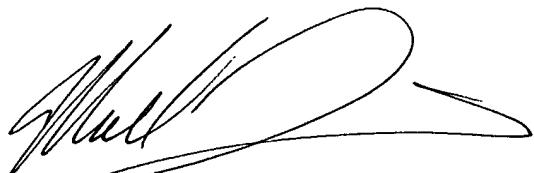
Sir:

The references listed on the attached Information Disclosure Statement Form PTO/SB/08A & B are called to the attention of the U.S. Patent and Trademark Office. Applicants enclose a copy of each of these references except for the U.S. patent documents.

A chart is also enclosed that contains English language translation of select portions of the references listed in the far left column of the chart.

This statement is provided in order to comply with 37 C.F.R. § 1.56, § 1.97 and §1.98, and this statement is not to be construed as a representation that no information exists which is more material than these references, or that the information is considered to be material to patentability.

Respectfully submitted,



Michael D. Zaronias
Registration No. 54,564

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Dated: September 3, 2004

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

1

of 8

Complete if Known

Application Number	10/706,420
Filing Date	November 12, 2003
First Named Inventor	Robert Murray
Art Unit	1761
Examiner Name	

Attorney Docket Number 0899-0025

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,894,148	07-08-1975	Ecker	
		US- 4,312,856	01-26-1982	Korduner, et al.	
		US- 4,322,407	03-30-1982	Ko	
		US- 4,448,770	05-15-1984	Epting, Jr.	
		US- 4,582,705	04-15-1986	Primes, et al.	
		US- 4,592,909	06-03-1986	Winer, et al.	
		US- 4,649,051	03-11-1987	Gyllang, et al.	
		US- 4,689,228	08-25-1987	Rosenberg	
		US- 4,738,856	04-19-1988	Clark	
		US- 4,853,237	08-01-1989	Prinkkila, et al.	
		US- 4,871,550	10-03-1989	Millman	
		US- 4,871,554	10-03-1989	Kalala, et al.	
		US- 4,874,606	10-17-1989	Boyle et al.	
		US- 4,938,970	07-03-1990	Hustead, et al.	
		US- 4,975,286	12-04-1990	Hechter	
		US- 4,981,687	01-01-1991	Fregley et al.	
		US- 5,011,826	04-30-1991	Steudle, et al.	
		US- 5,028,437	07-02-1991	Jerrett	
		US- 5,032,411	07-16-1991	Stray-Gundersen	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ Kind Code ⁵ (if known)				
A1		JP1060360 & (English Abstract)	03-07-1989	Mitsui Seito KK		
A2		JP06038707 & (English Abstract)	02-15-1994	Otsuka Pharmaceira Co.		
A3		JP59210872 & (English Abstract)	11-29-1984	Ajinomoto Co.		
A4		JP05219921 & (English Abstract)	08-31-1993	Kochi Pref Gov		
A5		JP09155367 & (English Abstract)	06-17-1997	Nittetsu KK		
A6		JP9508804	09-09-1997			

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Sheet

2

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8

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Application Number	10/706,420
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		Number-Kind Code ² (if known)	MM-DD-YYYY		
		US- 5,089,477	02-18-1992	Fregley et al.	
		US- 5,112,622	05-12-1992	Kopp	
		US- 5,114,723	05-19-1992	Stray-Gundersen	
		US- 5,200,200	04-06-1993	Veech	
		US- 5,248,507	09-28-1993	e Silva, et al.	
		US- 5,397,786	03-14-1995	Simone	
		US- 5,443,830	08-22-1995	Moore, et al.	
		US- 5,443,848	08-22-1995	Kramer, et al.	
		US- 5,447,730	09-05-1995	Greenleaf	
		US- 5,455,235	10-03-1995	Takaichi, et al.	
		US- 5,464,619	11-07-1995	Kuznicki, et al.	
		US- 5,498,426	03-12-1996	Wilson, et al.	
		US- 5,498,427	03-12-1996	Menasche	
		US- 5,597,595	01-28-1997	DeWille, et al.	
		US- 5,609,897	03-11-1997	Chandler, et al.	
		US- 5,681,569	10-28-1997	Kuznicki, et al.	
		US- 5,780,094	07-14-1998	King	
		US- 5,817,351	10-06-1998	DeWille, et al.	
		US- 5,824,353	10-20-1998	Tsunoda, et al.	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
B1	JP10501407		02-10-1998	The Procter & Gamble Co		
B2	JP2002125639 & (English abstract)		05-08-2002	Otsuka Pharmaceut Factory		
B3	JP02211854 & (English abstract)		08-23-1990	University of Florida		
B4	JP07067575 & (English abstract)		03-14-1995	Suntory Ltd		
B5	JP11089547 & (English abstract)		04-06-1999	Morinaga & Co		
B6	JP2002523025		07-30-2002			

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		Application Number	10/706,420
		Filing Date	November 12, 2003
		First Named Inventor	Robert Murray
		Art Unit	1761
		Examiner Name	
Sheet	3	of	8
		Attorney Docket Number	

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3

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8

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		Number-Kind Code ² (<i>if known</i>)			
		US- 5,830,523	11-03-1998	Takaichi, et al.	
		US- 5,846,572	12-08-1998	Prior	
		US- 5,869,458	02-09-1999	Waite, et al.	
		US- 6,020,007	02-01-2000	Veech	
		US- 6,056,989	05-02-2000	Sasagawa, et al.	
		US- 6,103,274	08-15-2000	Jettka, et al.	
		US- 6,106,874	08-22-2000	Liebrecht, et al.	
		US- 6,207,203	03-27-2001	Atkinson, et al.	
		US- 6,235,322	05-22-2001	Lederman	
		US- 6,251,457	06-26-2001	Takaichi, et al.	
		US- 6,261,610	07-17-2001	Sher, et al.	
		US- 6,319,490	11-20-2001	Parker	
		US- 6,451,352	09-17-2002	Yvin, et al.	
		US- 6,478,985	11-12-2002	Idaka	
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		US- 6,572,898	06-03-2003	Nelson, et al.	
		US- US2001/0043908	11-22-2001	Parker	
		US- US2001/0051197	12-13-2001	Yang, et al.	
		US- US2002/0009502	01-24-2002	Nelson, et al.	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)				
B7		2001333750 & (English abstract)	12-04-2004	Makino Hideya et al		
B8		WO9606539	03-07-1996	Japan Tobacco		
B9		JP2000125827 & (English abstract)	05-09-2000	Hagiwara Yoshihide		
B10		JP2002034501 & (English abstract)	02-05-2002	Toyo Seito KK		
B11		JP2001346556 & (English abstract)	12-18-2001	Fuso Chemical Co Ltd		
B12		JP10502802	03-17-1998			

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 4 of 8

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Application Number	10/706,420
Filing Date	November 12, 2003
First Named Inventor	Robert Murray
Art Unit	1761
Examiner Name	

Attorney Docket Number 0899-0025

U. S. PATENT DOCUMENTS

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		Number-Kind Code ² (<i>if known</i>)	MM-DD-YYYY		
		US- US2002/0044992	04-18-2002	Parker	
		US- US2002/0102313	08-01-2002	Armonti, et al.	
		US- US2002/0110621	08-15-2002	Robergs, et al.	
		US- US2002/0119183	08-29-2002	Hermelin, et al.	
		US- US2002/0176885	11-28-2002	Najafi, et al.	
		US- US2002/0099023	07-25-2002	Boucher, Jr.	
		US- US2002/0102313	08-01-2002	Armonti, et al.	
		US- US2002/0110621	08-15-2002	Robergs, et al.	
		US- US2002/0132034	09-19-2002	Hutt, et al.	
		US- US2003/0021875	01-30-2003	Blank, et al.	
		US- US2003/0077333	04-24-2003	Phillips, et al.	
		US- US2003/0134804	07-17-2003	King, et al.	
		US- US2003/0194448	10-16-2003	Mitchell, et al.	
		US-			

FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (<i>if known</i>)				
B13		JP2002017315 & (English abstract)	01-22-2002	Kono Masakro		
B14		JP2001190256 & (English abstract)	07-17-2001	Akokasei Co Ltd		
B15		JP2001190255 & (English abstract)	07-17-2001	Akokasei Co Ltd		
B16		JP10150960 & (English abstract)	06-09-1998	Itaka Hidekazu		
B17		JP2000060506 & (English abstract)	02-29-2000	Ogiwara Fumitake		
B18		JP2001299295 & (English abstract)	10-30-2001	Kyodo KK		

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	B19	JP2001514022	09-11-2001			
	C1	JP05276904 & (English abstract)	10-26-1993	Otsuka Pharmaceut Co		<input checked="" type="checkbox"/>
	C2	JP037251160 & (English abstract)	11-08-1991	Otsuka Pharmaceut Co		<input checked="" type="checkbox"/>
	C3	JP59220177	12-11-1984	Kanshiruman Kanpanii		
	C4	JP8501449	02-20-1996			

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	C5	JP6332766	06-19-1980			
	C6	JP6112887 & (English abstract)	06-16-1986	Pripps Bryggerier AB		
	C7	JP59098670 & (English abstract)	06-07-1984	Shiotsubo Masami		
	C8	JP2001259659 & (English abstract)	09-25-2001	Chaco KK		
	C9	JP6016221	09-16-1981			
	C10	JP02083327 & (English abstract)	03-23-1990	The Green Cross Corp		

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		EP 0 364 053	04-18-1990	DMV-Campina B.V.		
		GB 1252781	11-10-1997	Stokely-Van Camp, Inc.		
		WO 00/10402	03-02-2000	Advanced Nutritional Foods		
		WO 95/22911	08-31-1995	Sigrid Peter		
		WO 99/11149	03-11-1999	All Sun HSF Company		
		WO 94/06412	03-31-1994	The Procter & Gamble Co		

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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/706,420
		Filing Date	November 12, 2003
		First Named Inventor	Robert Murray
		Art Unit	1761
		Examiner Name	
Sheet	8	of	8
		Attorney Docket Number	
		0899-0025	

NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		NOSE, ET AL., "Role of osmolality and plasma volume during rehydration in humans", AMERICAN PHYSIOLOGICAL SOCIETY, 1988.
		FIGARO, ET AL., "Regulation of fluid intake in dehydrated humans: role of oropharyngeal stimulation", THE AMERICAN PHYSIOLOGICAL SOCIETY, 1997.
		GONZALEZ-ALONSO, ET AL., "Rehydration after Exercise with Common Beverage and Water, INT. J. SPORTS MED; 13; pgs 399-604; 1992.
		PASSE, ET AL., "Impact of beverage acceptability on fluid intake during exercise", ACADEMIC PRESS, 2000.
		CLAPP, ET AL., "Effects of Carbohydrate-Electrolyte Content of Beverages on Voluntary Hydration in a Simulated Industrial Environment, AIHAJ; 61; September/October 2000.
		NIELSEN, ET AL., "Fluid balance in exercise dehydration and rehydration with different glucose-electrolyte drinks", EUR J APPL PHYSIOL; 55:318-325; 1986.
		WEMPLE, ET AL. "Influence of Sodium Replacement on Fluid Ingestion Following Exercise-Induced Dehydration", INTERNATIONAL JOURNAL REPORT NUTRITION, 7, pgs., 104-116. 1997.

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